

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A universal monitor to be mounted in a tire of a vehicle, the monitor for use in a remote tire pressure monitoring system for the vehicle, the monitor comprising:

a sensor for sensing tire pressure;

a storage device for storing a plurality of codes, each code comprising at least a data format; and

a transmitter in communication with the sensor and the storage device, the transmitter for transmitting a wireless signal including data representing the sensed tire pressure, wherein the wireless signal is transmitted by the transmitter according to at least one of the stored plurality of codes.

2. (Original) The monitor of claim 1 further comprising a receiver in communication with the storage device, the receiver for receiving a program signal for use in selecting one of the plurality of codes according to which the wireless signal is transmitted by the transmitter.

3. (Original) The monitor of claim 2 wherein the receiver comprises a port for receiving the program signal.

4. (Original) The monitor of claim 3 further comprising an external interface for connecting to the port and transmitting the program signal.

5. (Original) The monitor of claim 2 wherein the program signal has a low frequency, and the receiver comprises a low frequency receiver.

6. (Original) The monitor of claim 2 further comprising a remote transmitter for transmitting the program signal for receipt by the receiver.

7. (Original) The monitor of claim 6 wherein the program signal has a low frequency, the receiver comprises a low frequency receiver, and the remote transmitter comprises a low frequency transmitter.

8. (Original) The monitor of claim 1 wherein the wireless signal is transmitted by the transmitter according to each of the stored plurality of codes.

9. (Original) The monitor of claim 1 further comprising a receiver for mounting on the vehicle, the receiver for receiving the wireless signal transmitted by the transmitter, wherein the receiver is configured to recognize a wireless signal transmitted according to one of the plurality of codes.

10. (Original) The monitor of claim 2 further comprising a receiver for mounting on the vehicle, the receiver for receiving the wireless signal transmitted by the transmitter, wherein the receiver is configured to recognize a wireless signal transmitted according to one of the plurality of codes.

11. (Original) A universal monitor to be mounted in a tire of a vehicle, the monitor for use in a remote tire pressure monitoring system for the vehicle, the monitor comprising:

a sensor for sensing tire pressure;

a receiver for receiving a program signal, the program signal comprising one of a plurality of codes, each code comprising at least a data format; and

a transmitter in communication with the sensor and for transmitting a wireless signal including data representing the sensed tire pressure, wherein the wireless signal is transmitted according to the one of the plurality of codes received by the receiver.

12. (Original) The monitor of claim 11 further comprising a storage device in communication with the receiver and the transmitter, the storage device for storing the one of the plurality of codes received by the receiver.

13. (Original) The monitor of claim 11 wherein the program signal has a low frequency, and the receiver comprises a low frequency receiver.

14. (Original) The monitor of claim 11 further comprising a remote transmitter for transmitting the program signal for receipt by the receiver.

15. (Original) The monitor of claim 14 wherein the program signal has a low frequency, the receiver comprises a low frequency receiver, and the remote transmitter comprises a low frequency transmitter.

16. (Original) The monitor of claim 11 wherein the receiver comprises a port for receiving the program signal.

17. (Original) The monitor of claim 16 further comprising an external interface for connecting to the port and transmitting the program signal.

18. (Original) The monitor of claim 11 further comprising a receiver for mounting on the vehicle, the receiver for receiving the wireless signal transmitted by the transmitter, wherein the receiver is configured to recognize a wireless signal transmitted according to the one of the plurality of codes.

19. (Original) A universal monitor to be mounted in a tire of a vehicle, the monitor for use in a remote tire pressure monitoring system for the vehicle, the monitor comprising:

a sensor for sensing tire pressure;

a storage device for storing a plurality of codes, each code comprising at least a data format; and

a transmitter in communication with the sensor and the storage device, the transmitter for transmitting a series of wireless signals including data representing the sensed tire pressure, wherein each of the series of wireless signals is transmitted according to a different one of the stored plurality of codes.

20. (Original) The monitor of claim 19 further comprising a receiver for mounting on the vehicle, the receiver for receiving the series of wireless signals transmitted by the transmitter, wherein the receiver is configured to recognize one of the series of wireless signal transmitted according to one of the plurality of codes.

21. (Previously Presented) The monitor of claim 19 further comprising a receiver in communication with the storage device, the receiver for receiving a program signal for use in storing the plurality of codes.

22. (Previously Presented) The monitor of claim 21 wherein the receiver comprises a port for receiving the program signal.

23. (Previously Presented) The monitor of claim 22 further comprising an external interface for connecting to the port and transmitting the program signal.

24. (Previously Presented) The monitor of claim 21 wherein the program signal has a low frequency, and the receiver comprises a low frequency receiver.

25. (Previously Presented) The monitor of claim 21 further comprising a remote transmitter for transmitting the program signal for receipt by the receiver.

26. (Previously Presented) The monitor of claim 25 wherein the program signal has a low frequency, the receiver comprises a low frequency receiver, and the remote transmitter comprises a low frequency transmitter.

27. (New) A monitor to be mounted in a tire of a vehicle, the monitor for use in a remote tire pressure monitoring system for the vehicle, the monitor comprising:
a sensor for sensing tire pressure;
a storage device for storing a plurality of codes, each code indicating at least a data format; and

a transmitter in communication with the sensor and the storage device, the transmitter for transmitting a wireless signal including data representing the sensed tire pressure, wherein the wireless signal transmitted by the transmitter has the data format indicated by one of the stored plurality of codes.

28. (New) The monitor of claim 27 further comprising a receiver in communication with the storage device, the receiver for receiving a program signal for use in selecting one of the plurality of codes.

29. (New) The monitor of claim 28 wherein the receiver comprises a port for receiving the program signal.

30. (New) The monitor of claim 29 further comprising an external interface for connecting to the port and transmitting the program signal.

31. (New) The monitor of claim 28 wherein the program signal has a low frequency, and the receiver comprises a low frequency receiver.

32. (New) The monitor of claim 28 further comprising a remote transmitter for transmitting the program signal for receipt by the receiver.

33. (New) The monitor of claim 32 wherein the program signal has a low frequency, the receiver comprises a low frequency receiver, and the remote transmitter comprises a low frequency transmitter.

34. (New) The monitor of claim 27 wherein the wireless signal transmitted by the transmitter comprises a series of wireless signals, each wireless signal having the data format indicated by a different one of the stored plurality of codes.

35. (New) The monitor of claim 27 further comprising a receiver for mounting on the vehicle, the receiver for receiving the wireless signal transmitted by the

transmitter, wherein the receiver is configured to recognize a wireless signal having the data format indicated by one of the plurality of codes.

36. (New) The monitor of claim 28 further comprising a receiver for mounting on the vehicle, the receiver for receiving the wireless signal transmitted by the transmitter, wherein the receiver is configured to recognize a wireless signal having the data format indicated by one of the plurality of codes.

37. (New) A monitor to be mounted in a tire of a vehicle, the monitor for use in a remote tire pressure monitoring system for the vehicle, the monitor comprising:

a sensor for sensing tire pressure;

a receiver for receiving a program signal, the program signal comprising one of a plurality of codes, each code indicating at least a data format; and

a transmitter in communication with the sensor and for transmitting a wireless signal including data representing the sensed tire pressure, wherein the wireless signal has the data format indicated by the one of the plurality of codes of the program signal received by the receiver.

38. (New) The monitor of claim 37 further comprising a storage device in communication with the receiver and the transmitter, the storage device for storing the one of the plurality of codes of the program signal received by the receiver.

39. (New) The monitor of claim 37 wherein the program signal has a low frequency, and the receiver comprises a low frequency receiver.

40. (New) The monitor of claim 37 further comprising a remote transmitter for transmitting the program signal for receipt by the receiver.

41. (New) The monitor of claim 40 wherein the program signal has a low frequency, the receiver comprises a low frequency receiver, and the remote transmitter comprises a low frequency transmitter.

42. (New) The monitor of claim 37 wherein the receiver comprises a port for receiving the program signal.

43. (New) The monitor of claim 42 further comprising an external interface for connecting to the port and transmitting the program signal.

44. (New) The monitor of claim 37 further comprising a receiver for mounting on the vehicle, the receiver for receiving the wireless signal transmitted by the transmitter, wherein the receiver is configured to recognize a wireless signal having the data format indicated by the one of the plurality of codes.

45. (New) A monitor to be mounted in a tire of a vehicle, the monitor for use in a remote tire pressure monitoring system for the vehicle, the monitor comprising:

a sensor for sensing tire pressure;

a storage device for storing a plurality of codes, each code indicating at least a data format; and

a transmitter in communication with the sensor and the storage device, the transmitter for transmitting a series of wireless signals including data representing the sensed tire pressure, wherein each of the series of wireless signals transmitted has the data format indicated by a different one of the stored plurality of codes.

46. (New) The monitor of claim 45 further comprising a receiver for mounting on the vehicle, the receiver for receiving the series of wireless signals transmitted by the transmitter, wherein the receiver is configured to recognize one of the series of wireless signal having the data format indicated by one of the plurality of codes.

47. (New) The monitor of claim 45 further comprising a receiver in communication with the storage device, the receiver for receiving a program signal for use in storing the plurality of codes.

48. (New) The monitor of claim 47 wherein the receiver comprises a port for receiving the program signal.

49. (New) The monitor of claim 48 further comprising an external interface for connecting to the port and transmitting the program signal.

50. (New) The monitor of claim 47 wherein the program signal has a low frequency, and the receiver comprises a low frequency receiver.

51. (New) The monitor of claim 47 further comprising a remote transmitter for transmitting the program signal for receipt by the receiver.

52. (New) The monitor of claim 51 wherein the program signal has a low frequency, the receiver comprises a low frequency receiver, and the remote transmitter comprises a low frequency transmitter.